

I claim:

- 1 A machine for producing an evaporative snow as small individualized particles which are easily dispersed, are free from agglomerates and leave no moisture and residue in the area of use, said machine comprised of a pump to deliver evaporative snow solution to a flake generator comprising of an impeller or impellers which causes the flakes to form on the surface of a sock, said flakes are dispersed by a sock by a airflow of 500-3000 cubic feet per minute, created by said impeller (s) and produces external noise levels up to around 90 decibels measured three feet from the machine.
2. The machine of claim 1 wherein said external noise levels are between about 50-80 decibels measured three feet from the machine.
3. The machine of claim 1 wherein said external noise levels are between about 50-70 decibels measured three feet from the machine.
4. The machine of claim 1 wherein said external noise levels are between about 50-60 decibels measured three feet from the machine.
5. The machine of claim 1 in which a pump operates at a rate of 1-4 ounces solution per minute.
6. A machine of claim 1, where external noise is reduced through:
  - (a) directing air flow to a plastic duct;
  - (b) sealing the duct with foam;
  - (c) containing the fan in the duct in a non rigid mounting;
  - (d) and by using special sized and shaped foam baffles to reflect and absorb noise energy, that are rotated to counteract a particular fan frequency.

7. The machine of claim 6 wherein said foam is Acoustical Foam.
8. The machine of claim 1 that uses multiple fans for generating the air flow.
9. The machine of Claim 1 that uses various discharge nozzle or air portal shapes to reduce noise for evaporative snow production.
10. A machine described in Claim 1 that modifies the outer case material, size, shape or insulation properties to reduce noise for evaporative snow generation.